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FOLLOWING**

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: NUCLEIC ACID MOLECULES ENCODING PROTEINS WHICH IMPART THE ADHESION OF NEISSERIA CELLS TO HUMAN CELLS

Fill in Appropriate Information -
For Use Without Specification Attached:

the specification of which is attached hereto. If not attached hereto,
the specification was filed on June 8, 1998 as
United States Application Number 09/043,302 ;
and amended on _____ (if applicable) and/or
the specification was filed on _____ as PCT
International Application Number _____ and was
amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority Information: (if appropriate)	Prior Foreign Application(s)			Priority Claimed
	<u>195 34 579.7</u> (Number)	<u>Germany</u> (Country)	<u>September 18, 1995</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<u>_____</u> (Number)	<u>_____</u> (Country)	<u>_____</u> (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<u>_____</u> (Number)	<u>_____</u> (Country)	<u>_____</u> (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<u>_____</u> (Number)	<u>_____</u> (Country)	<u>_____</u> (Month/Day/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional Application(s): (if any)	(Application Number)	(Filing Date)
	<u>_____</u> (Application Number)	<u>_____</u> (Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Country	Application Number	Date of Filing (Month/Day/Year)
<u>_____</u>	<u>_____</u>	<u>_____</u>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (if any)	(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
	<u>_____</u> (Application Number)	<u>_____</u> (Filing Date)	<u>_____</u> (Status - patented, pending, abandoned)

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Information -
or Use Without
Specification
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United States Application Number 09/043,302
and amended on _____ (if applicable) and/or
the specification was filed on _____ as PCT
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amended on _____ (if applicable)

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Prior Foreign Application(s)

Priority Claimed

Insert Priority Information: (if appropriate)	<u>195 34 579.7</u> (Number)	<u>Germany</u> (Country)	<u>September 18, 1995</u> (Month/Day/Year Filed)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional Application(s): (if any)	<u> </u> (Application Number)	<u> </u> (Filing Date)
	<u> </u> (Application Number)	<u> </u> (Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Country	Application Number	Date of Filing (Month/Day/Year)
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Insert Requested Information: (if appropriate)	<u> </u>	<u> </u>
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (if any)	<u> </u> (Application Number)	<u> </u> (Filing Date)	<u> </u> (Status - patented, pending, abandoned)
	<u> </u> (Application Number)	<u> </u> (Filing Date)	<u> </u> (Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

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Full Name of First
or Second Inventor:
and Name of
Inventor
see Date This
Document is Signed
→

Insert Residence
Insert Citizenship →

Insert Post Office
Address →

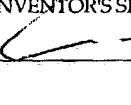
Full Name of Second
Inventor, if any:
see above

Full Name of Third
Inventor, if any:
see above

Full Name of Fourth
Inventor, if any:
see above

Full Name of Fifth
Inventor, if any:
see above

Full Name of Sixth
Inventor, if any:
see above

GIVEN NAME/FAMILY NAME Thomas F. MEYER	INVENTOR'S SIGNATURE 	DATE* 19.3.02
Residence (City, State & Country) Tübingen, Germany	CITIZENSHIP German	
MAILING ADDRESS (Complete Street Address including City, State & Country) Spemannstrasse 30, 72076 Tübingen, Germany		
GIVEN NAME/FAMILY NAME Thomas RUDEL	INVENTOR'S SIGNATURE 	DATE* 19.3.02
Residence (City, State & Country) La Jolla, California, USA	CITIZENSHIP United States	
MAILING ADDRESS (Complete Street Address including City, State & Country) 3946 Camino Calma, La Jolla, California 92122 USA		
GIVEN NAME/FAMILY NAME Ina SCHEUERPFLUG	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Berlin, Germany	CITIZENSHIP German	
MAILING ADDRESS (Complete Street Address including City, State & Country) Forchenweg 9, 72076 Tübingen, Germany		
GIVEN NAME/FAMILY NAME Jurgen MAIER	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Kongen, Germany	CITIZENSHIP German	
MAILING ADDRESS (Complete Street Address including City, State & Country) Kehlstrasse 9, 73257 Kongen, Germany		
GIVEN NAME/FAMILY NAME Sandra EICKERNJAGER	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Berlin, Germany	CITIZENSHIP German	
MAILING ADDRESS (Complete Street Address including City, State & Country) Gottschedstrasse 20, D-13357 Berlin, Germany		
GIVEN NAME/FAMILY NAME Thomas SCHWAN	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Berlin, Germany	CITIZENSHIP German	
MAILING ADDRESS (Complete Street Address including City, State & Country) Friedrich-Wilhelm-Platz 2, D-12161 Berlin, Germany		

If Name of Seventh
Inventor, if any:
see above

GIVEN NAME/FAMILY NAME Eckhard FISCHER	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Tübingen, Germany	CITIZENSHIP German	
MAILING ADDRESS (Complete Street Address including City, State & Country) Forchenweg 9, D-72076 Tübingen, Germany		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)		

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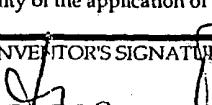
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of First Inventor, if any:
 Name of
This
Document is Signed

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Thomas F. MEYER		19.3.02

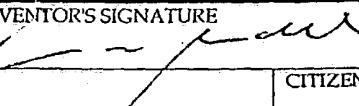
Residence Citizenship

Residence (City, State & Country)	CITIZENSHIP
Tubingen, Germany	German

Post Office Address

MAILING ADDRESS (Complete Street Address including City, State & Country)
Spemannstrasse 30, 72076 Tübingen, Germany

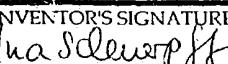
Name of Second Inventor, if any:
 see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Thomas RUDEL		19.3.02

Residence (City, State & Country)	CITIZENSHIP
La Jolla, California, USA	United States

MAILING ADDRESS (Complete Street Address including City, State & Country)
3946 Camino Calma, La Jolla, California 92122 USA

Name of Third Inventor, if any:
 see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Ina SCHEUERPFLUG		24.02

Residence (City, State & Country)	CITIZENSHIP
Berlin, Germany	German

MAILING ADDRESS (Complete Street Address including City, State & Country)
Forchenweg 9, 72076 Tübingen, Germany

Name of Fourth Inventor, if any:
 see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Jurgen MAIER		

Residence (City, State & Country)	CITIZENSHIP
Kongen, Germany	German

MAILING ADDRESS (Complete Street Address including City, State & Country)
Kehlstrasse 9, 73257 Kongen, Germany

Name of Fifth Inventor, if any:
 see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Sandra EICKERNJAGER		

Residence (City, State & Country)	CITIZENSHIP
Berlin, Germany	German

MAILING ADDRESS (Complete Street Address including City, State & Country)
Gottschedstrasse 20, D-13357 Berlin, Germany

Name of Sixth Inventor, if any:
 see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Thomas SCHWAN		

Residence (City, State & Country)	CITIZENSHIP
Berlin, Germany	German

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Friedrich-Wilhelm-Platz 2, D-12161 Berlin, Germany

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Full Name of First
 or Sole Inventor:
 Insert Name of
 Inventor
 Insert Date This
 Document is Signed
 →

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Thomas F. MEYER		18.3.02

Insert Residence
 Insert Citizenship →

Residence (City, State & Country)	CITIZENSHIP
Tubingen, Germany	German

Insert Post Office
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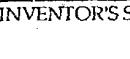
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Spemannstrasse 30, 72076 Tübingen, Germany

Full Name of Second
 Inventor, if any:
 see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Thomas RUDEL		19.3.02
Residence (City, State & Country)	CITIZENSHIP	
La Jolla, California, USA	United States	

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3946 Camino Calma, La Jolla, California 92122 USA

Full Name of Third
 Inventor, if any:
 see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Ina SCHIEUERPFLUG		
Residence (City, State & Country)	CITIZENSHIP	
Berlin, Germany	German	

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Full Name of Fourth
 Inventor, if any:
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GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Jurgen MAIER		
Residence (City, State & Country)	CITIZENSHIP	
Kongen, Germany	German	

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Kehlstrasse 9, 73257 Kongen, Germany

Full Name of Fifth
 Inventor, if any:
 see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Sandra EICKERNJAGER		509-02
Residence (City, State & Country)	CITIZENSHIP	
Berlin, Germany	German	

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 Inventor, if any:
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Residence (City, State & Country)	CITIZENSHIP	
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